



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

STEVE VAN STOCKUM, DIRECTOR

Date: May 9, 2018

System No. 3301164

Genesis Solar, LLC  
Attn: Eric Preher  
P.O. Box 2370  
Blythe, CA 92225

Enclosed is Citation No. 05\_63\_18C\_023 issued to Genesis Solar Energy Project Potable Water System.

Any person who is aggrieved by a Citation issued by the Riverside County LPA may file a petition with the State Water Resources Control Board (State Water Board) for reconsideration of the Citation. Petitions must be received by the State Water Board within 30 calendar days of the issuance of the Citation. The date of issuance is the date when the Riverside County LPA mails or serves a copy of the Citation, whichever occurs first. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day. Petitions must be received by 5:00 p.m. Information regarding filing petitions may be found at:

[http://www.waterboards.ca.gov/drinking\\_water/programs/petitions/index.shtml](http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml)

If you have any questions regarding this matter, please contact me at (760) 863-7570.

Sincerely,

Jackie Jones, REHS  
Environmental Health Specialist



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

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STEVE VAN STOCKUM, DIRECTOR

**CITATION FOR NONCOMPLIANCE – WATER SYSTEM NO. 3301164  
NO. 05\_63\_18C\_023**

Re: Genesis Solar Energy Project Potable Water System  
System No. 3301164

Date: May 9, 2018

To: Eric Preher  
P.O. Box 2370  
Blythe, CA 92225

Section 116650, Article 9, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H&S Code), authorizes the issuance of a citation for failure to comply with the requirements of the California Safe Drinking Water Act, or any regulation, standard, permit order issued there under.

**VIOLATION**

The Department of Environmental Health (Department), hereby issues a citation to Genesis Solar Energy Project Potable Water System (Genesis) for the following violations:

Title 22 of the California Code of Regulations (CCR), Section 64424 (d). Specifically, Genesis failed to collect five routine bacteriological samples in March. If a public water system for which fewer than five routine samples/month are collected has one or more total coliform positive sample, the water supplier shall collect at least five routine samples the following month. In addition CCR Title 22, Section 64423 (a) (2) requires monthly routine samples from nontransient-noncommunity water systems which serves 25-1000 persons.

Genesis Solar Energy Project Water System Domestic Water Supply Permit dated January 6, 2016. Specifically, Genesis failed to collect the required monthly sampling from the treated water. The Domestic Water Supply Permit states the RO permeate shall be sampled for arsenic and fluoride monthly. In addition, the permit states that the distribution system treated water shall be sampled for pH, TDS and turbidity monthly. Genesis may rotate between Unit 1 Powerblock, Unit 2 Powerblock and the Common Area.

**CHRONOLOGY OF EVENTS**

This is a nontransient- noncommunity water system serving Genesis Solar in Blythe. There are ~40 employees. There are two sources for this system: Well #0 and Well #2.

Well #2 is the primary well. It was drilled in September 2011 (WP0021768). Well #2 is located near Unit 2. It is a 1,125 foot deep well serviced by a 30 hp submersible pump. The yield is ~215 gpm.

Well #0 was drilled in July 2011 (WP0021766). Well #0 is located near the Common Area. It is a 1,251 foot deep well serviced by a 25 hp submersible pump. The yield on the well is ~235 gpm.

Both wells pump raw water to a raw water cooler where it is cooled. Raw water enters a pretreating system where it is filtered. The water then enters the Water Treatment Building where it is treated. Genesis exceeds the primary maximum contaminant level (MCL) for arsenic and fluoride. In addition, several secondary MCL's are also exceeded. Chlorine is injected after the treatment unit. The potable water then enters the 12,000 gallon potable water tank and is then pumped to Unit 1 Power Block, Unit 2 Power Block and the Common Area. The Common Area consists of the Administration Building, Assembly Building, Water Treatment Building and eyewash stations. Potable water is used in Unit 1 Power block and Unit 2 Powerblock for the restrooms, electrical buildings and eyewash stations. Unit 1 Powerblock, Unit 2 Powerblock and the Common Area each have a potable water pressure tank.

#### **Recent History:**

On February 26, 2018, the certified water operator, Chad Finch, sampled the distribution system and both wells for bacteriological analysis. Three routine sample locations and both wells were identified on the chain of custody: PB #2 Restroom Sink, PB #1 Restroom Sink (Men's), Admin – upper kitchen sink, Well #0 and Well #2. The laboratory notified Finch on February 28, 2018, to report a total coliform present/E.coli absent result at PB#1 Restroom Sink (Men's). PB#2 Restroom Sink, the Admin – Upper Kitchen Sink and both wells were both absent for total coliform bacteria.

On February 28, 2018, Finch collected five bacteriological resamples (PB#1 Men's restroom, PB#1 Exterior Faucet, PB#1 Eyewash and both wells (Well #0 and Well #2). All resamples were absent for total coliform bacteria.

On February 26, 2018, PB#2 was sampled for pH, turbidity, TDS, fluoride and arsenic. All results were within standards. In addition, the RO permeate was sampled for pH, TDS, fluoride and arsenic. All results were within standards.

On April 22, 2018, Finch sampled the distribution system and both wells for bacteriological analysis. Four routine sample locations were identified on the chain of custody: Well #0, Well #2, PB#2 Men's Restroom and Admin – Upper Kitchen Sink. All results were absent for total coliform bacteria.

On April 22, 2018, PB#2 was sampled for pH, turbidity, TDS, fluoride and arsenic. All results were within standards. In addition, the RO permeate was sampled for fluoride, pH, TDS and arsenic. All results were within standards.

## **DIRECTIVES**

Refer to the Genesis Solar Energy Project Water System Domestic Water Supply Permit dated January 6, 2016, and the most recent inspection report for sampling requirements.

Sample the RO permeate for arsenic and fluoride monthly.

Sample the distribution system treated water monthly for pH, TDS and turbidity – rotating between Unit 1 Powerblock, Unit 2 Powerblock and the Common Area/RO Permeate.

This is considered a monitoring and reporting (M&R) violation and requires public notification utilizing the Tier 3 notification method, which is notification to the consumers. All consumers served by this water system must be notified of this violation, as required in Section 64463.4. Attached is a notification form containing the language that is required in Section 64465. The notice must be posted in conspicuous locations throughout the area served by the water system for at least 7 days. The posting must be completed by June 15, 2018. The employees must be notified of the violation and the location of the posted notices. Submit a Proof of Notification to this Department once the notice has been delivered to your water consumers.

## **FURTHER ENFORCEMENT ACTION**

Failure to comply with this notice and/or failure to comply with Title 22 of the California Code of Regulations may result in an administrative office hearing and assessment of administrative penalties. This Department does not waive any further enforcement action by issuance of this citation.

If you have any questions, please contact me at (760) 863-7570.



Jackie Jones, REHS  
Environmental Health Specialist

Attachments:  
Tier 2 Monitoring Notice  
Proof of Notification

Certified Mail: 7007 3020 0001 6550 3337



## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.  
Tradúzcalo o hable con alguien que lo entienda bien.

### Monitoring Requirements Not Met for Genesis Solar Energy Project Potable Water System

Our water system failed to monitor as required for drinking water standards during the past year and, therefore, was in violation of the regulations. Even though this failure was not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

*We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During March 2018 we did not monitor or test for bacteria. In addition, we did not test for arsenic, fluoride, TDS, pH and turbidity from the treated water and therefore, cannot be sure of the quality of our drinking water during that time.*

#### What should I do?

- There is nothing you need to do at this time.
- The table below lists the contaminant(s) we did not properly test for during the last year, how many samples we are required to take and how often, how many samples we took, when samples should have been taken, and the date on which follow-up samples were (or will be) taken.

<i>Contaminant</i>	<i>Required Sampling Frequency</i>	<i>Number of Samples Taken</i>	<i>When All Samples Should Have Been Taken</i>	<i>When Samples Were or Will Be Taken</i>
Bacteria	5 in March 2018 due to total coliform present results in Feb	0	March 2018	April 22, 2018
Fluoride and Arsenic	Monthly from RO permeate	0	March 2018	April 22, 2018
pH, TDS, turbidity	Monthly from distribution system	0	March 2018	April 22, 2018

- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

## **What happened? What is being done?**

We have since taken the required samples, as described in the last column of the table above. The samples showed we are meeting drinking water standards.

For more information, please contact Chad Finch at (760) 834-5513.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

## **Secondary Notification Requirements**

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Genesis Solar Energy Project Potable Water System

State Water System ID#: 3301164. Date distributed: \_\_\_\_\_.

# **PROOF OF NOTIFICATION**

NAME OF WATER SYSTEM     Genesis Solar Energy Project Potable Water System

WATER SYSTEM NUMBER   3301164

As required by the California Health and Safety Code, this acknowledges that I have notified the users of this water system that the water supplied by Genesis Solar Energy Project Potable Water System was not sampled for bacteria in March 2018 and the treated water was not sampled for arsenic, fluoride, TDS, pH and turbidity in March 2018 which is a violation of the California Safe Drinking Water Standards and/or the Domestic Water Supply Permit The approved Tier 3 Notice was posted for at least 7 days and all employees were notified of the violation and the location of the posted notices.

This notification was made using the following method(s);

Verbal, to each customer/connection                      Date completed \_\_\_\_\_

Public Posting of Notice                                      Date completed \_\_\_\_\_

Mail or Hand Delivery of a Written Notice              Date completed \_\_\_\_\_

Public Newspaper or Media                                  Date completed \_\_\_\_\_

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature of Water System Representative